

DentalDesigner™ 2008-1

Implemented tools



DentalDesigner™ Version 2008-1

- **Cutback bridge frameworks and copings up to 16 elements:**
morphologically correct bridge frameworks can now be modeled using bites, antagonists and double preparation scans as reference.
- **Freeform cutback crowns and lingual bands:**
a major improvement in the anatomical coping modeling, which gives even more modeling freedom.
- **Files plitting -new ease of manufacturing of overpressed crowns:**
the overall fit of the secondary/overpressed crown has been improved for several production machines.
- **Additional anatomical libraries:**
a significantly expanded collection of high quality crowns, pontics and abutment caps morphologies is available.
- **Major steps forward on productivity and automation:**
new advanced autoplacement of modeled elements on preparations, copings and pontics. Several improvements on bridge overview layout and connector modeling.
- **New optimized data handling allowing for larger and more complex jobs:**
a new and more extended modeling engine can now handle significantly larger amount of triangles. For example, handling large models with antagonists and multi-layered structures is now significantly improved.
- **Automatic measurements tools:**
new tools automatically measure surface distance to neighboring teeth, antagonists and preparation.
- **Initial support for individual insertion directions for bridges:**
if necessary, insertion directions can be assigned separately to each die (currently supported only for selected output configurations).
- **Adjustment of the antagonist position (double-click at the antagonist):**
The user can now manually fine-tune the distance from the cast to antagonist.
- **Faster and more flexible virtual wax tool (Add/Remove):**
the tool's performance has been increased and a new smoothing function is now available.
- **Telescope spline handling:**
the lower spline in telescopes is now more flexible to model.

AbutmentDesigner™ 2008

- **Parallel customized abutments:**
it is now possible to group abutments and assign them a common insertion direction. This significantly eases the modeling of complex multi-layered structures on implants.
- **Undercuts removal on customized abutments:**
after setting the ideal insertion direction of the implant bridge on the customized abutments, users have the option to modify the abutment shape and to further adapt it to the given situation.



ScanItRestoration™ 2008

- **Improved scanning performances on both D-250 and D-640:**
significant faster antagonist model alignment, and general faster alignment.
- **New optimized data handling allowing for larger and more complex scans:**
a new and more extended modeling engine can now handle a consistently larger amount of triangles and therefore improves the scanning process for models with antagonists and masks.

ScanItLibrary™ 2008

- **Easy scanning of morphologies and prefabs:**
the new scanner application ScanItLibrary is from now on included in the standard installation of the System. Users can create their own libraries of anatomical crowns or pontics, and easily define landmarks such as cusps and grooves, which are then automatically applied in DentalDesigner™.
- **Integration and management of user libraries:**
scanned elements can be collected in libraries, which can be transferred to other 3Shape Dental Systems.

DentalManager™ 2008

- **Color index in order form:**
the user can now select freely a given material color for the restoration from a standard scale and sort jobs accordingly.
- **Handling of individual items in order:**
a critical point in both administration and manufacturing is the possibility to organize and sort elements according different criteria. It is now possible to handle several restorations within the same order separately, or to create one order containing restorations in different materials later sent to distinct manufacturers for production.
- **Enhanced visualisation, sorting and searching:**
more flexible handling of column positions and visibility. New columns type have been added and the order search function is now more flexible and efficient.

- **Improved performance for large databases:**
DentalManager™ allows for quick and easy management of orders to ensure a smooth workflow in labs of any size; it now offers even better performance for large databases.
- **Integration with 3rd party management and accounting software:**
the "ERP export" allows to export order data using user-defined criteria for direct integration with ERP and accounting software.
- **Default configuration of processing times and delivery dates:**
order management has been further automated as users can configure standard processing and delivery time for each type of restoration. Only working days are taken in account in a user-defined calendar.
- **Privacy policy:**
patient information and details can now be omitted when transferring orders from lab to manufacturers.
- **Easy management of partners lists:**
customers and manufacturers lists can be created using a spreadsheet editor (such as Microsoft Excel or OpenOffice) and imported or exported into/from the Dental System Control Panel.
- **Full multi-language support:**
the system now offers extended ASCII support (for Japanese and Russian characters, for example) and the technical documentation is available in English, French, German, Spanish, Italian and Japanese.

DentalManager Inbox™ 2008

- **Network management enhancements:**
inbox management, such as the possibility to receive orders containing distinct materials, as well as the handling of potential errors in orders has been improved.
- **Improved Track & Trace:**
the Track & Trace function has been extended to a wide range of conditions. New options are available to categorize received messages.
- **Extended network flexibility:**
orders can now be scanned and modeled in distinct sites. Orders can be sent for modelling at remote sites after scanning and sent to a third-party for production.